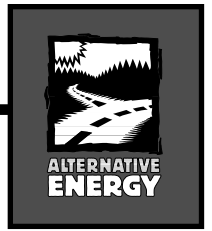


# LESSON PLANS



## UNIT 2 SECTION 3

### WHAT ARE ALTERNATIVE FUELS? - CONCEPT MAPPING ALTERNATIVE FUELS INVESTIGATION

## Student Objectives

#### The student will:

- apply understanding of the classification of alternative fuels by creating a concept map of alternative fuels.
- compare and contrast types of alternative fuels.

## TAAS Objectives

#### The student will:

- demonstrate an understanding of the characteristics of the universe and of the properties of matter and energy.

## TEKS

(8.2) **Scientific processes.** The student uses scientific inquiry methods during field and laboratory investigations.

The student is expected to:

- e. construct graphs, tables, maps, and charts using tools, including computers, to organize, examine, and evaluate data.

(8.9) **Science concepts.** The student knows that substances have chemical and physical properties.

The student is expected to:

- a. demonstrate that substances may react chemically to form new substances.

#### Integrated Physics and Chemistry

(7) **Science concepts.** The student knows relationships exist between properties of matter and its components.

The student is expected to:

- e. classify samples of matter from everyday life as being elements, compounds, or mixtures.